

GVM2 User Guide

To begin recording, switch on, wait for the main screen to be displayed and press OK, an information screen with the configuration parameters will appear. Press OK again and the different options will be shown.

For "Waveform" monitoring (also known as trigger or impulse mode), press OK again ("Capture an event"), every time that the vibration is over the trigger value the GVM2 will record the event (unless "Single mode" has been previously selected in the configuration menu, in which case recording will stop after the 1st trigger).

For "Monitor Mode" (also known as histogram or bar-graph mode), select the "Monitor Mode" option and two options will appear:

1. "Monitor": Using this option the vibration values are shown on the screen, but the GVM2 doesn't store anything. This option is useful for determining background ground vibration before beginning "Waveform" or "Monitor" recording.
2. "Monitor + Rec.": With this option vibration values are shown on the GVM2's display and also recorded.

In "Monitor Mode" if vibration exceeds the trigger level the GVM2 will store the normal "Monitor file" and one "Waveform" file for every value over the trigger level. Users must be careful to select an appropriate trigger level, or disable it to prevent very quickly filling the memory. This option enables alarm notification to the user if the SMS or e-mail modes are active.

The GVM2 has a further option, "the Data-logger". Go to the configuration menu > Data-logger, and activate the "File" option, where a complete text report is stored in memory as *.log, which contains all the operations performed by the GVM2. Also in "Monitor + Rec" mode, all the required information is stored in a text file that can be imported into a word processor. With an external printer or modem, the logger is able to print, send sms, or e-mail. One log file stores information for a whole day with a different file every day.

"Waveform" mode has 2 possibilities:

- 1.- Waits for a vibration to exceed the trigger level.
- 2.- Press the OK key at any time to force a trigger and produce a record. This option is very useful for construction machinery (to force a trigger for example when the machine is in an exact position) or for blasting (If the vibration will be very low, manually trigger and then press the Fire button on the blasting machine).